REMARKS

In view of the above amendments and the following remarks, reconsideration of the rejections contained in the Office Action of June 16, 2006 is respectfully requested.

By this Amendment, claims 1, 2 and 4 have been amended. Thus, claims 1-47 are currently pending in the application, with claims 2, 3, 5-18, 36-38 and 42-47 having been withdrawn from consideration. No new matter has been added by these amendments.

In order to make editorial improvements, revisions have been made to the specification and/or abstract. No new matter has been added by the revisions. Entry of the amendments to the specification and/or abstract is thus respectfully requested.

On page 1 of the Office Action, the Examiner acknowledged that claims 1, 4, 19-35 and 39-41 were said to be readable on the elected species corresponding to figures 27-29, and noted that claims 2-3, 5-19, 36-38 and 42-47 are withdrawn from consideration. However, as claim 19 was said to be readable on the elected species, it is respectfully submitted that claim 19 should not be withdrawn from consideration, and that the list of withdrawn claims should include the range "5-18" instead of "5-19."

On pages 2-3 of the Office Action, the Examiner rejected claim 1 under 35 U.S.C. § 103(a) as being unpatentable over Lin et al. (US 6,352,131) in view of Yoshiie et al. (US 6,851,497). However, on page 3 of the Office Action, the Examiner indicated that claims 4, 19-35 and 39-41 would be allowable if rewritten in independent form including the limitations of the base claim and any intervening claim. In order to place the claims in condition for allowance, independent claim 1 has been amended to include some of the limitations of claim 4. Therefore, in view of the Examiner's indication of allowable subject matter, as well as the reasons discussed below, it is respectfully submitted that independent claim 1, as amended, is clearly patentable over the prior art of record.

Independent claim 1, as amended, recites an electromotive power assisted bicycle which includes a drive shaft to be rotated by a pedal effort, and an electromotive power output unit box detachably mounted to a body of the bicycle. The electromotive power assisted bicycle of claim 1 also includes a supporting section for rotatably supporting the drive shaft, and further includes a unit mounting bracket on which the electromotive power output unit box is mounted. Claim 1

also recites that the unit mounting bracket is fixed to the supporting section with the drive shaft penetrating through the unit mounting bracket.

Lin discloses a bicycle power train which, as shown in Figs. 1 and 2 includes a powering device 30 for providing power for driving the bicycle. However, Lin does not disclose a unit mounting bracket on which the electromotive power output unit box is mounted, and that the unit mounting bracket is fixed to a supporting section with the drive shaft penetrating through the unit mounting bracket, as required by amended independent claim 1. Rather, Lin discloses that the powering device 30 includes an attachment plate 33 which is coupled to the frame of the bicycle, and does not disclose that the attachment plate 33 is fixed to the bicycle such that the drive shaft penetrates through the attachment plate 33. Therefore, Lin does not disclose a unit mounting bracket fixed to a supporting section with the drive shaft penetrating through the unit mounting bracket, because Lin does not disclose the drive shaft penetrating through the attachment plate 33.

Yoshiie discloses a power-assisted bicycle which, as shown in Fig. 6, includes a drive unit 13 for providing power for driving the bicycle. However, Yoshiie does not disclose a unit mounting bracket on which the electromotive power output unit box is mounted, and that the unit mounting bracket is fixed to a supporting section with the drive shaft penetrating through the unit mounting bracket, as required by amended independent claim 1. Rather, as shown in Fig. 6, and as explained at column 9, lines 14-30, Yoshiie discloses that the drive unit 13 is mounted to a sprocket drive gear 11, and therefore does not disclose a unit mounting bracket on which the drive unit is mounted. Further, because Yoshiie does not disclose a unit mounting bracket on which the drive unit is mounted, Yoshiie also does not disclose a unit mounting bracket which is fixed to a supporting section with the drive shaft penetrating through the unit mounting bracket.

Therefore, for the reasons presented above, it is believed apparent that the present invention as recited in amended independent claim 1 is not disclosed or suggested by the Lin reference and the Yoshiie reference taken either individually or in combination. Accordingly, a person having ordinary skill in the art would clearly not have been motivated to modify the Lin reference in view of the Yoshiie reference in such a manner as to result in or otherwise render obvious the present invention of amended independent claim 1.

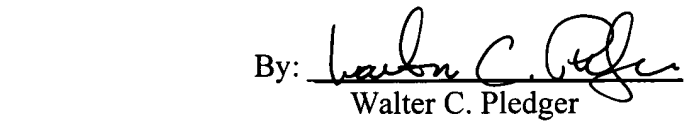
Therefore, it is respectfully submitted that amended independent claim1, as well as claims 2-47 which depend therefrom, are clearly allowable over the prior art of record.

In view of the foregoing amendments and remarks, it is respectfully submitted that the present application is clearly in condition for allowance. An early notice to that effect is respectfully solicited.

If, after reviewing this Amendment, the Examiner feels there are any issues remaining which must be resolved before the application can be passed to issue, the Examiner is respectfully requested to contact the undersigned by telephone in order to resolve such issues.

Respectfully submitted,

Kyosuke KOKATSU et al.

By: 

Walter C. Pledger
Registration No. 55,540
Attorney for Applicants

WCP/akl
Washington, D.C. 20006-1021
Telephone (202) 721-8200
Facsimile (202) 721-8250
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ABSTRACT

An electromotive power assisted bicycle ~~comprises~~ includes a drive shaft ~~4 to be~~ rotated by a pedal effort~~;~~ a primary sprocket ~~2~~ fixed to the drive shaft ~~4~~ for transmitting the pedal effort to a drive wheel ~~22~~; a secondary sprocket fixed to the drive shaft ~~4~~ coaxially with the primary sprocket ~~2~~; a pedal effort detection sensor ~~for detecting a pedal effort~~; an electromotive power output unit box ~~13~~ detachably attached to the body for outputting ~~an~~ electromotive power in response to the detected pedal effort ~~detected by the pedal effort detection sensor~~; a power sprocket coupled to a rotating output shaft of the electromotive power output unit box ~~13~~; an auxiliary chain stretched ~~across~~ between the secondary sprocket and the power sprocket; and a battery bracket ~~165 capable of~~for accommodating a battery ~~162~~ for the electromotive power output unit box ~~13~~. Since the degree of flexibility for installing ~~respective~~ components has been significantly ~~extended~~ increased and ~~also~~ the overall system has been made light and compact, a bicycle of an ordinary frame can be easily powered by electricity.